



seqlist2001004us.workFile.txt

Organization Applicant

Street :
City : Arnhem
State :
Country : Netherlands
PostalCode :
PhoneNumber :
FaxNumber :
EmailAddress :

<110> OrganizationName : Akzo Nobel NV

Application Project

<120> Title : Babesia canis vaccine
<130> AppFileReference : 2001.004 US
<140> CurrentAppNumber : 10/087,573
<141> CurrentFilingDate : 2002-02-28

Earlier Applications

<150> PriorAppNumber : EP01200816.5
<151> PriorFilingDate : 2001-03-06

Sequence

<213> OrganismName : Babesia canis

<400> PreSequenceString :

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ccacctttgg	tgagacgttt	gatgtgatga	gggaagcttt	gcttcgtgta	aagtcctctg	180
aacgcttggc	aatgtctcaga	gcgcttgca	gaatgtgcgg	tcaccgcgtc	cttcctggca	240
ctggtgcttc	tgcgatagcg	gcaacggtaa	cccccagggg	ggcttcgatg	aagcttaaac	300
caccgcgtcc	gcagtcacag	aagtctccgg	agctcagggg	gctgtcacgg	aagattcgcg	360
aaatgaataa	gactataagt	caggaatcag	ctcggtgaaa	ccaccggttg	ccggaaggcc	420
accctctctt	agagaagcgg	gcagaatatt	ttcgtcacct	tagatctctt	aagagccaag	480
gagtcaatag	actcatctaa	gaaggcacta	cgtaggtacc	gtgcctctat	gaggaatacg	540
aaccgactag	tgcacaatag	acgaccagtt	ctaccaaagg	tagagcctga	ctctaattcta	600
ccattcggcc	agcgacggag	tcgcatgaca	acgtggaatc	ttagaccacg	ccggacgggt	660
tatccgtcaa	atggtacttt	ggcagttacg	gaactcctga	tctcgattta	tagatcaaac	720
ttctacacct	tgaaggtggt	cgaggaaggg	agatgtacgt	gctgcaacac	ccataaggag	780
caagctttgc	tactcctatc	cggttacctc	cagctatatc	gtgactgca	ctcagttgga	840
aggtctgtat	tcgtagaata	ctgcaaaacc	aggatatgcg	tcgaggcacg	cctcaccgga	900
ctacgtccga	gggtgaccct	aacgggctgc	tgaactaggt	tcagccagcg	cttcctgtga	960
gtatgtcatt	ccgggtcctt	cggggcccgg	gccagtttcg	actggtgtag	gtttgcccta	1020
ctagagtact	tgcgacggcg	aagcgctctc	gttcaaaaaga	acgcgcaagc	cctagcagag	1080
aaatgcgagg	gcatgactct	tcgagtcaaa	aaaaaaaaaa	aaaaaaaaac	tcgag	1135

<212> Type : DNA

<211> Length : 1135

SequenceName : SEQ ID NO: 1

SequenceDescription :

Sequence

<213> OrganismName : Babesia canis

<400> PreSequenceString :

MESTSTTTNF	VAENRPFGET	FDVMREALLR	VSSERLAMLR	ALAGMCHRVL	PGTGASAI	60
TTPKGASMKL	KPPRPQTKSP	ELRELSRKIR	ENKTISQESA	RVNHRLEGHP	LLEKRAEYFR	120
HRSLKSQGVN	RLI					133

<212> Type : PRT

<211> Length : 133

SequenceName : SEQ ID NO: 2

SequenceDescription :

Sequence

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<213> OrganismName : Babesia canis
<400> PreSequenceString :
gaattcggca cgagccctgc tatactgtgc tttgcaacta actccatcgt aataatttaa      60
tataataata aaggatggag tcgacatcaa caacgaccaa ctttgttgcc gagaaccgtc      120
ccacctttgg tgagacgttt gatgtgatga gggaagcttt gcttcgtgta aagtcctctg      180
aacgcttggc aatgctcaga gcgcttgacg gaatgtgcgg tcaccgcgtc cttcctggca      240
ctggtgcttc tgcgatagcg gcaacggtaa ccccaaaggg ggcttcgatg aagcttaaac      300
caccgcgtcc gcagtcaacg aagtctccgg agctcagggg gctgtcacgg aagattcgcg      360
aaatgaataa gactataagt caggaatcag ctcggtgaaa ccaccggttg ccggaaggcc      420
accctctctt agagaagcgg gcagaatatt tcgtcacctt agatctctta agagccaagg      480
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cattcggcca gcgacggagt cgcatagcaa cgtggaatct tagaccacgc cggacggggt      660
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aagctttgct actcctatcc ggttacctcc agctatatcg tgcactgcac tcagttggaa      840
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tatgtcattc cgggtccttc ggggcccggg ccagtttcga ctggtgtagg tttgccctac     1020
tagagtactt gcgacgccga agcgcctccg ttcaaaaagaa cgcgcaagcc ctagcagaga     1080
aatgcgaggg catgactctt cgagtcaaaa aaaaaaaaaa aaaaaaaact cgag          1134

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<212> Type : DNA

<211> Length : 1134

SequenceName : SEQ ID NO: 3

SequenceDescription :

Sequence

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<213> OrganismName : Babesia canis
<400> PreSequenceString :
MESTSTTTNF VAENRPFGET FDMVREALLR VSSERLAMLRL ALAGMCHRVL PGTGASAI AA      60
TTPKGASMKL KPPRPQTKSP ELRELSRKIR ENKTISQESA RVNHRLEGHP LLEKRAEYFV      120
TDLLRAKESI DSSKKARRYR ASMRNTNRLV HRRPVL PKVE PDSNLP GQRR SRMTTWNL RP      180
RTGYPSNGTL AVTELLSIYR SNFYTLK VVE ERCTCCNTHK EQALLLSGYL QLYRALH SVG      240
RVFVEYCKTR ICVEARTGLR PRVTLTG C
<212> Type : PRT
<211> Length : 268
SequenceName : SEQ ID NO: 4
SequenceDescription :

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Sequence

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<213> OrganismName : Babesia canis
<400> PreSequenceString :
ggatcctaatac gactcact atagggagac caccatggag tcgacatcaa caacgaccaa      60
ctttgttgcc gagaaccgtc ccacctttgg
<212> Type : DNA
<211> Length : 90
SequenceName : SEQ ID NO: 5
SequenceDescription :

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Sequence

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<213> OrganismName : Babesia canis
<400> PreSequenceString :
gacgtttgat gtgatgagg aagc      24
<212> Type : DNA
<211> Length : 24

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SequenceName : SEQ ID NO: 6

SequenceDescription :

Sequence

<213> OrganismName : Babesia canis

<400> PreSequenceString :

aatgacatac tcacaggaag c

21

<212> Type : DNA

<211> Length : 21

SequenceName : SEQ ID NO: 7

SequenceDescription :

Sequence

<213> OrganismName : Babesia canis

<400> PreSequenceString :

atgagtctat tgactccttg

20

<212> Type : DNA

<211> Length : 20

SequenceName : SEQ ID NO: 8

SequenceDescription :

Sequence

<213> OrganismName : Babesia canis

<400> PreSequenceString :

agggagctgt cacggaagat t

21

<212> Type : DNA

<211> Length : 21

SequenceName : SEQ ID NO: 9

SequenceDescription :

Sequence

<213> OrganismName : Babesia canis

<400> PreSequenceString :

atgaggaatt cgaaccgact a

21

<212> Type : DNA

<211> Length : 21

SequenceName : SEQ ID NO: 10

SequenceDescription :

Sequence

<213> OrganismName : Babesia canis

<400> PreSequenceString :

gcagaatatt ttcgtcacct tagatctctt aagagccaag gagtaataga ctcattctaa

60

aaggcactac gta

73

<212> Type : DNA

<211> Length : 73

SequenceName : SEQ ID NO: 11

SequenceDescription :

Sequence

<213> OrganismName : Babesia canis

<400> PreSequenceString :

gacgtttgat gtgatgagg aagc

24

<212> Type : DNA

<211> Length : 24

SequenceName : SEQ ID NO: 12

SequenceDescription :

Sequence

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<213> OrganismName : Babesia canis
<400> PreSequenceString :
aggagctgt cacggaagat t
21
<212> Type : DNA
<211> Length : 21
SequenceName : SEQ ID NO: 13
SequenceDescription :
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Sequence

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<213> OrganismName : Babesia canis
<400> PreSequenceString :
aatgacatac tcacaggaag c
21
<212> Type : DNA
<211> Length : 21
SequenceName : SEQ ID NO: 14
SequenceDescription :
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Sequence

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<213> OrganismName : Babesia canis
<400> PreSequenceString :
atgagtctat tgactccttg
20
<212> Type : DNA
<211> Length : 20
SequenceName : SEQ ID NO: 15
SequenceDescription :
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